Index of Claims

| Applicat |  |  |
|----------|--|--|
|          |  |  |
|          |  |  |
|          |  |  |

10/672,424

Examiner

Kristy A. Haupt

Applicant(s)/Patent under Reexamination

SMEKTALA ET AL.

**Art Unit** 

2853

Rejected Allowed

(Through numeral) Cancelled

÷

Restricted

|   | N | Non-Elected  |
|---|---|--------------|
| į | _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                 |                |  |          |  |  |  | l  | -  |              |  |   |
|-----------------|----------------|--|----------|--|--|--|--|--|--------------|--|---|
|                 |                |  |          |  |  |  |  |  |              |  |   |
| Cla             | ıim            |  |          |  | [  | Date   | 3  |  |              |  |   |
| Final           | Original       | 6/23/05  |          |  |  |  |  |  |              |  |   |
|                 | 1 2 3          | 1  | -        | -  |  |  | $\vdash$   |  |              |  |   |
|                 | 2              | 1  |          |  |  |  |  |  |              |  |   |
|                 | 3              | 1  |          |  | _  | _  | $\vdash$   |  | Н            | _  |   |
|                 | 4              | 1  | _        | $\vdash$   | _  |  | -  | _  | _            | _  |   |
|                 | <b>4</b> 5     | 1  | _        |  | _  |  | ├  |  | ┝            |  |   |
| -               | 6              | 1  | ⊢        | _  |  |  | $\vdash$   | _  |              |  | ł |
|                 | 7              | 1  | ⊢        | _  | $\vdash$   | $\vdash$   | _  | _  | -            | _  | l |
| <u> </u>        |                | , ·  | -        | <u>.                                    </u>     | <u> </u>   | <u> </u>   |  |  |              |  | ŀ |
| <u> </u>        | 9              | 1  | _        | <u> </u>   | <u> </u>   | <u> </u>   | _  | _  | ┕            |  | l |
|                 |                | 1  | _        | _  |  | _  | _  | _  | <u> </u>     | $\vdash$   | l |
|                 | 10             | 1  | _        | <u> </u>   | _  |  | <u> </u>   |  | <u> </u>     | <u> </u>   | l |
|                 | 11             | 1  | <u> </u> | L  |  |  | _  |  | <u> </u>     | $\vdash$   |   |
|                 | 12             | 1  | _        | _  | _  |  | _  |  | <u> </u>     | _  |   |
|                 | 12             | V  | $\vdash$ | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash$   |              | <u> </u>   | Į |
|                 | 14<br>15       | 1  | <u> </u> | <u> </u>   | <u> </u>   |  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u>     | <u> </u>   | ļ |
| <u> </u>        | 15             | V  | L        | <u> </u>   | <u> </u>   | <u> </u>   | _  |  | L            | _  |   |
|                 | 16<br>17       | 1  |          | <u> </u>   |  |  |  |  |              |  |   |
|                 | 17             | ٧  |          |  |  | _  | _  |  | <u> </u>     |  |   |
|                 | 18             | 1  | _        | _  | ᆫ  | <u> </u>   | <u> </u>   |  | L            |  |   |
|                 | 19             | 1  | _        | L  |  |  |  |  |              | L_   |   |
| <u> </u>        | 19<br>20<br>21 |  |          | L  |  |  |  |  | L            | L  |   |
|                 | 21             | 1  | _        | _  | _  | _  | _  |  |              |  |   |
|                 | 22<br>23       | 1  | L_       | L  | L.   | ļ  | _  |  | _            | _  |   |
|                 | 23             |  | _        | _  |  | <u> </u>   | ļ  | <u> </u>   | ļ            | <u> </u>   |   |
|                 | 24<br>25       | 1  | _        |  | _  | _  | ļ  | L  |              | _  |   |
| ļ               | 25             | ٧,   | <u> </u> | <u> </u>   | _  | <u> </u>   | ┡  | _  |              | _  |   |
| <u> </u>        | 26             | ٧  | <b> </b> | <u> </u>   |  | <u> </u>   | ⊢  | <u> </u>   | <u> </u>     | ┝  | - |
|                 | 27             | 1  |          | -  |  |  | _  | _  | $\vdash$     | <u> </u>   | l |
|                 | 28             |  | ⊢        | <u> </u>   | _  |  | <u> </u>   | <u> </u>   | _            | <u> </u>   | - |
| ļ               | 29             | 7  | _        | <u> </u>   |  | ┡  | $\vdash$   | <u> </u>   | <u> </u>     | ļ  |   |
|                 | 30             | V  | ┝        | ⊢  | -  | ├-   | _  | _  |              | ├  | ł |
| <b></b>         | 31             | 1  | ⊢        | ⊢  | $\vdash$   | $\vdash$   | ⊢  | <u> </u>   | ⊢            | ⊢  | 1 |
| $\vdash$        | 32             | 1  |          |  | ├  | ├  | ⊢  | $\vdash$   | $\vdash$     | $\vdash$   | 1 |
| ļ               | 33<br>34       | \ \ \  | $\vdash$ | -  | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$     | <del> </del>                                     | 1 |
|                 | 35             |  | ⊢        | ⊢  | $\vdash$   | ├—   | ├  | <del> </del>                                     | <del> </del> | $\vdash$   |   |
|                 | 36             | $\vdash$   | $\vdash$ | ├-   | -  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | -  |   |
| <del></del>     | 37             | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | -  | <del> </del> —                                   | $\vdash$   | $\vdash$     | $\vdash$   |   |
| -               | 38             | -  | ┢        | ┢  | ┢  | $\vdash$   | $\vdash$   | -  | -            | $\vdash$   |   |
| <del> </del>    | 39             | $\vdash$   |          | $\vdash$   | ├-   | $\vdash$   | $\vdash$   | <u> </u>   | $\vdash$     | $\vdash$   |   |
| $\vdash$        | 40             | -  | $\vdash$ | $\vdash$   | ┢  | -  | ├-   | $\vdash$   | $\vdash$     | $\vdash$   |   |
| $\vdash \vdash$ | 41             | $\vdash$   |          | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$   | $\vdash$     | <del>                                     </del> |   |
|                 | 42             | <del>                                     </del> | $\vdash$ |  | ╁  | <del>                                     </del> | ├-   | <del>                                     </del> | -            | $\vdash$   | 1 |
|                 | 43             | <del>                                     </del> | $\vdash$ | ╁  | ┢  | $\vdash$   | <del>                                     </del> | <del> </del>                                     |              | $\vdash$   | 1 |
|                 | 44             |  | $\vdash$ | H  | ┢  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | <del>                                     </del> | l |
|                 | 45             |  | -        | Н  | ┢  |  | H  | <del> </del>                                     | <del> </del> | ┢┈   | l |
|                 | 46             |  | $\vdash$ | <del>                                     </del> | <del>                                     </del> | ┢  | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$   | 1 |
|                 | 47             |  | $\vdash$ | T  | ┢═   |  | <u> </u>   | $\vdash$   | $\vdash$     |  | 1 |
|                 | 48             |  |          | H  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | I            | <del>                                     </del> | 1 |
|                 | 49             | T  | <u> </u> | <del>                                     </del> |  |  |  | $\vdash$   |              | l  |   |
|                 | 50             | Т  |          |  | Ι  | Г  |  | $\vdash$   | _            | Г  |   |
|                 |                |  |          |  |  |  |  |  |              |  |   |

| Cla      | aim      |              |              |          |              | Date         |               |          |              |          |
|----------|----------|--------------|--------------|----------|--------------|--------------|---------------|----------|--------------|----------|
|          |          |              |              |          |              |              |               |          |              |          |
| Final    | Original |              |              |          |              |              |               |          |              |          |
|          | 51       |              |              |          |              |              |               |          |              |          |
|          | 52<br>53 |              |              |          |              |              |               |          |              |          |
|          | 53       |              |              |          |              |              |               |          |              |          |
| _        | 54       |              |              |          |              |              |               |          |              |          |
| <u> </u> | 55       |              |              |          |              |              |               |          |              |          |
| <u> </u> | 56<br>57 |              |              |          |              |              |               |          |              |          |
| -        | 58       |              |              | -        |              |              | _             |          |              |          |
|          | 59       |              |              |          |              |              | _             | _        | -            | _        |
| $\vdash$ | 60       | $\vdash$     |              |          | _            |              |               |          |              | _        |
|          | 61       | Н            |              | _        |              |              |               |          | $\vdash$     |          |
|          | 62       |              |              |          |              | _            | -             |          | _            |          |
|          | 63       | $\vdash$     |              |          |              |              |               |          |              |          |
|          | 64       |              |              |          |              |              |               |          |              |          |
|          | 65       |              |              |          |              |              |               |          |              |          |
|          | 66       |              |              |          | Ш            |              |               |          |              |          |
| L        | 67       |              | L            |          |              |              |               |          |              |          |
| <u> </u> | 68       | L            |              |          |              | _            | _             |          | _            |          |
|          | 69       | L            |              |          |              |              |               |          |              | _        |
|          | 70       |              | <u> </u>     | _        |              | <u> </u>     | <u> </u>      | _        |              |          |
| ļ :      | 71       | H            | <u> </u>     | -        |              |              | _             | <u> </u> | <u> </u>     | _        |
| -        | 72<br>73 |              |              | $\vdash$ |              | _            | _             | _        |              |          |
|          | 74       | <del> </del> | _            | $\vdash$ | H            | _            |               | _        | <u> </u>     | ┝        |
|          | 74<br>75 | ├─           | ├─           | H        |              | $\vdash$     | $\vdash$      | -        | -            |          |
| -        | 76       |              | _            | H        | $\vdash$     | $\vdash$     | $\vdash$      | $\vdash$ | $\vdash$     |          |
|          | 77       | _            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | $\overline{}$ | $\vdash$ |              |          |
|          | 78       |              | Г            |          |              |              |               |          | Г            |          |
|          | 79       |              |              |          |              |              |               |          |              |          |
|          | 80       |              |              |          |              |              |               |          |              |          |
|          | 81       | <u> </u>     | L_           |          | L_           |              |               |          |              |          |
|          | .82      | _            | <u> </u>     |          | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u> | <u> </u>     | <u> </u> |
|          | 83       | _            | _            | <u> </u> |              | <u> </u>     | <u> </u>      | <u> </u> | <u> </u>     | <u> </u> |
| -        | 84<br>85 |              | <del> </del> | -        | _            | <u> </u>     | <u> </u>      |          | -            | ┝        |
|          | 86       | $\vdash$     | <u> </u>     | H        |              | <del> </del> | <u> </u>      | H        | ├            | ┢╾       |
|          | 87       | $\vdash$     |              |          | <u> </u>     | $\vdash$     | Η.            | $\vdash$ | $\vdash$     | $\vdash$ |
|          | 88       |              | Т            |          |              |              |               | $\vdash$ | $\vdash$     | $\vdash$ |
|          | 89       | Г            |              | Г        | <u> </u>     |              |               | <u> </u> |              | Г        |
|          | 90       |              |              |          |              |              |               |          |              |          |
|          | 91       |              |              |          |              |              |               |          |              |          |
|          | 92       |              |              |          |              |              |               |          |              |          |
|          | 93       | <u> </u>     | _            | <u> </u> |              |              | L.            | <u> </u> | <u> </u>     | _        |
| -        | 94       | $\vdash$     | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u> | <u> </u>     | <u> </u> |
|          | 95<br>96 | $\vdash$     | -            | $\vdash$ | <del> </del> | $\vdash$     | <u> </u>      | <u> </u> | -            | ┞        |
|          | 97       | $\vdash$     | <u> </u>     | ⊢        | $\vdash$     | $\vdash$     |               | $\vdash$ | <del> </del> | _        |
|          | 98       | $\vdash$     |              | -        | $\vdash$     | $\vdash$     | μ.            | Η-       | -            | $\vdash$ |
|          | 99       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$      | $\vdash$ | $\vdash$     | $\vdash$ |
|          | 100      | $\vdash$     | $\vdash$     | Н        | <u> </u>     | ┢┈           | $\vdash$      | ┢┈       | $\vdash$     | $\vdash$ |
|          |          |              |              |          |              |              |               | L        |              |          |

| Claim |                   | Date         |          |          |  |          |               |          |              |          |
|-------|-------------------|--------------|----------|----------|--|----------|---------------|----------|--------------|----------|
| Final | Original          |              |          |          |  |          |               |          |              |          |
|       | 101               |              |          |          | -  | _        |               |          |              |          |
|       | 101<br>102        |              |          |          |  |          |               |          |              | П        |
|       | 103               |              |          |          |  |          |               |          |              |          |
|       | 104               |              |          |          |  |          |               |          |              |          |
|       | 104<br>105        |              |          |          |  |          |               |          |              |          |
|       | 106               |              |          |          |  |          |               |          |              |          |
|       | 107               |              |          |          |  |          |               |          |              |          |
|       | 108               | _            |          | _        |  | L        |               |          |              | Щ        |
|       | 109               | ļ            | _        | <u> </u> | <u> </u>   |          | _             |          |              | Ш        |
|       | 110               | <u> </u>     | _        | _        | <u> </u>   | <u> </u> | -             | _        | <u> </u>     | H        |
|       | 111               | <u> </u>     | _        | _        | <u> </u>   | _        | -             |          | ┡            | Н        |
|       | 112<br>113        | $\vdash$     | <u> </u> | ⊢        | ┝  | ├—       | <del> </del>  | <b> </b> | $\vdash$     | Н        |
|       | 114               | $\vdash$     | $\vdash$ | ├-       |  |          |               | <u> </u> | $\vdash$     | H        |
| -     | 115               | $\vdash$     | $\vdash$ | $\vdash$ | ⊢  | $\vdash$ | H             |          | ├            | $\vdash$ |
|       | 116               | $\vdash$     | -        |          |  | $\vdash$ | ⊢             | -        | <del> </del> | Н        |
|       | 117               | <del> </del> | ┢        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$      | $\vdash$ | $\vdash$     | Н        |
|       | 118               |              | -        | $\vdash$ | ┢  | $\vdash$ | H             | -        | $\vdash$     | Н        |
|       | 119               | $\vdash$     | $\vdash$ | $\vdash$ | ┢  | $\vdash$ | H             | -        | -            | Н        |
|       | 120               | _            | -        | $\vdash$ | ┢  |          |               | -        | H            | Н        |
|       | 121               |              |          | -        |  | -        |               |          |              | H        |
|       | 122               |              |          | 1        | <del>                                     </del> | $\vdash$ |               | $\vdash$ | <u> </u>     | Н        |
|       | 123               |              |          |          |  |          |               |          |              | П        |
|       | 123<br>124<br>125 |              |          |          |  |          |               |          |              | П        |
|       | 125               |              |          |          |  |          |               |          |              |          |
|       | 126<br>127        |              |          |          |  |          |               |          |              |          |
|       | 127               |              | _        |          | L  |          |               | <u> </u> | 匚            | Ш        |
|       | 128<br>129        |              |          | <u> </u> | _  |          |               | _        | <u> </u>     | Ш        |
|       | 129               |              | _        |          |  | _        |               |          |              | Ш        |
|       | 130               | <u> </u>     | <u> </u> | <u> </u> | <u> </u>   | _        |               | _        | <u> </u>     | Ц        |
|       | 131               | _            | <u> </u> | _        | _  | _        |               | _        | _            | Ш        |
|       | 132               | <u> </u>     | <u> </u> | ļ        | <u> </u>   | <u> </u> | <u> </u>      | <u> </u> | <u> </u>     | Н        |
|       | 133               | <u> </u>     | ├—       | <u> </u> | ⊢  | ⊢        | <u> </u>      | <u> </u> | <u> </u>     | $\vdash$ |
|       | 134<br>135        | $\vdash$     | H        | _        | _  | ├        |               | <u> </u> | ├            | Н        |
|       | 136               | -            | ⊢        | ⊢        | -  | ├-       | -             |          | $\vdash$     | Н        |
|       | 137               | $\vdash$     | ├─       | $\vdash$ | $\vdash$   | ┢        |               | -        | $\vdash$     | $\vdash$ |
|       | 138               | -            | ┢        | $\vdash$ | $\vdash$   | $\vdash$ | <del> -</del> | ┝        | ┝            | Н        |
|       | 139               | ┢            | ┢        | -        | <del>                                     </del> |          | ┝             | $\vdash$ | -            | $\vdash$ |
|       | 140               |              | H        | $\vdash$ | <u> </u>   | -        | H             | $\vdash$ | -            |          |
|       | 141               | $\vdash$     | _        | $\vdash$ | $\vdash$   | _        | <u> </u>      | $\vdash$ | $\vdash$     | Н        |
|       | 142               |              | Г        |          | Г  | T        |               | Г        | ऻ            | Н        |
|       | 143               | $\vdash$     | Π        |          |  |          |               |          | Г            | П        |
|       | 144               |              |          |          |  |          |               |          |              |          |
|       | 145               |              |          |          |  |          |               |          |              |          |
|       | 146               |              |          |          |  |          |               |          |              |          |
|       | 147               |              |          |          |  |          |               |          |              |          |
|       | 148               |              |          |          |  | 匚        |               |          |              |          |
|       | 149               | _            | _        | _        |  | _        | Ľ             | <u> </u> | L            | Ш        |
|       | 150               | L            | <u> </u> | L        | L_   | L.,      |               | L.,      |              | Ш        |
| _     |                   |              |          |          |  |          |               |          |              |          |